

PATENT

Application No. : Not Yet Assigned Conf. No.: N/A
Applicant(s) : Richard D. Cummings, Rodger P. McEver and Kevin L. Moore
Filed : Herewith
TC/Au : 1644
Examiner : P. Gambel
Title : METHODS OF DETECTING DISORDERS INVOLVING DEFECTIVE P-SELECTIN GLYCOPROTEIN LIGAND OR DEFECTIVE P-SELECTIN

**MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

The following sections are being submitted for this Supplemental Information Disclosure Statement:

1. [X] Preliminary Statements
2. [X] FORM PTO-1449 (Modified)
3. [X] Identification of Prior Application In Which Listed Information Was Already Cited and for Which No Copies Are Submitted Or Need to Be Submitted
4. [X] Copies of Listed Information Items Accompanying this Statement
5. [X] Identification of Person(s) Making this Supplemental Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this supplemental information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this supplemental information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO-1449 (Modified)

☒ [X] A completed Form 1449 (Modified) is attached hereto.

☐ [] No Form 1449 (Modified) is attached.

Section 3. Identification of Prior Application In Which Listed Information Was Already Cited and for Which No Copies Are Submitted Or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/299,917, filed on November 18, 2002.

Section 4. Copies of Listed Information Items Accompanying this Statement

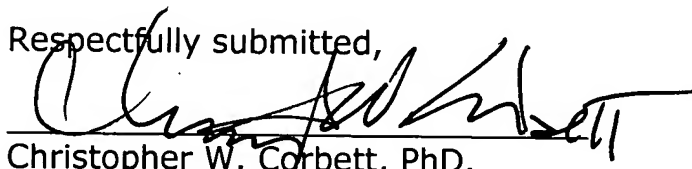
The references were submitted to, and/or cited by, the Office in the prior application(s) are not required to be provided in this application. Therefore, copies are not submitted herewith.

**Section 5. Identification of Person(s) Making this SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

The person making this statement is the attorney who signs below on the basis of the information:

- ☒ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the attorney's file

Respectfully submitted,



Christopher W. Corbett, PhD.

Reg. No. 36,109

DUNLAP, CODDING, & ROGERS, P.C.

P.O. Box 16370

Oklahoma City, Oklahoma 73113

(405) 607-8600

(405) 607-8686

Agent for Applicants

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney's Docket Number
5838.076

Serial Number
Not Yet Assigned

(Fill-A-Form 7.92)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant Richard D. Cummings, et al.

Filing Date Herewith

Group

U. S. PATENT DOCUMENTS

EXAM INIT.		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3	6	2	5	2	1	4	12/07/1971	Higuchi	128	260	
	AB	3	9	9	5	4	4	4	12/07/1976	Clark et al.	62	306	
	AC	4	4	9	4	3	8	5	01/22/1985	Kuraoka et al.	62	306	
	AD	4	7	8	3	3	3	0	11/08/1988	Furie et al.	424	1.1	
	AE	4	8	4	9	5	1	3	07/18/1989	Smith et al.	536	27	
	AF	4	9	0	6	4	7	4	03/06/1990	Langer et al.	424	428	
	AG	4	9	2	5	6	7	3	05/15/1990	Steiner et al.	424	455	
	AH	5	1	1	4	8	4	2	05/19/1992	Plow et al.	424	85.8	
	AI	5	1	3	5	9	1	6	08/04/1992	Sims et al.	514	21	
	AI2	5	1	9	8	4	2	4	03/30/1993	McEver et al.	514	13	
	AJ	5	2	1	1	9	3	6	05/18/1993	Brandley et al.	424	1.1	
	AK	5	2	4	0	8	3	3	08/31/1993	Nudelman et al.	435	70.21	
	AK2	5	3	7	8	4	6	4	01/03/1995	McEver et al.	424	143.1	
	AK3	5	4	6	4	7	7	8	11/07/1995	Cummings et al.	436	503	
	AL	5	7	6	7	2	4	1	06/16/1998	McEver	536	350	
	AM	5	8	2	7	8	1	7	10/27/1998	Larsen et al.	514	2	
	AN	5	8	4	3	7	0	7	12/01/1998	Larsen et al.	435	69.1	
	AO	5	8	5	2	1	7	5	12/22/1998	Cummings et al.	530	388	
	AP	5	8	8	0	0	9	1	03/09/1999	Cummings et al.	514	8	
	AQ	5	9	1	9	6	3	7	07/06/1999	McEver	435	7.21	
	AQ2	5	9	2	9	0	3	6	07/27/1999	McEver	514	25	
	AQ3	6	1	7	7	5	4	7	01/23/2001	Cummings et al	530	388. 22	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM INIT.		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	Translation	
													YES	NO
	AR	0	1	5	3	8	9	6	09/04/1985	EPO				
	AS	9	1	0	6	6	3	2	05/16/1991	PCT				

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM INIT.		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	Translation	
													YES	NO
	AT	9	1	0	7	9	9	3	06/13/1991	PCT				
	AU	9	1	1	9	5	0	1	12/26/1991	PCT				
	AV	9	2	0	1	7	1	8	02/06/1992	PCT				
	AW	9	2	1	6	6	1	2	10/01/1992	PCT				
	AX	9	3	0	5	8	0	3	04/01/1993	PCT				
	BA	9	4	1	1	4	9	8	05/26/1994	PCT				
	BB	9	5	3	0	0	0	1	11/09/1995	PCT				

OTHER MATERIALS

*(Including, Author, Title, Date, Relevant Pages, Place of Publication. **)*

	BC	Aruffo et al., "CD62/P-Selectin Recognition and Myeloid and Tumor Cell Sulfatides", <u>Cell</u> , 67:35-44 (1991).
	BD	Aulabaugh et al., "Conformational Analysis of Bombesin Analogues", <u>Peptides</u> , 526-528 (1990).
	BE	Battistutta et al. "Circular Dichroism and ¹ H NMR Studies on Bombolitin-related Peptides in Aqueous Solution Containing SDS Micelles", <u>Peptides</u> 525-526 (1992).
	BF	Beckstead et al., "Immunohistochemical Localization of Membrane and α-Granule Proteins in Human Megacaryocytes: Application to Plastic-Embedded Bone Marrow Biopsy Specimens", <u>Blood</u> , 67:285-293 (1986).
	BG	Bevilacqua et al., "Identification of an Inducible Endothelial Leukocyte Adhesion Molecule", <u>Proc. Natl. Acad. Sci. USA</u> , 84:9238-9242 (1987).
	BH	Bevilacqua et al., "Endothelial Leukocyte Adhesion Molecule 1: An Inducible Receptor for Neutrophils Related to Complement Regulatory Proteins and Lectins", <u>Science</u> , 243:1160-1165 (03/03/89)
	BI	Bienvenu et al., "Molecular Determinants of Shear Rate-Dependent Leukocyte Adhesion in Postcapillary Venule", <u>The American Physiology Society</u> , H1504-H1508 (1993).
	BJ	Bierhuizen et al., "Expression of a Differentiation Antigen and Poly-N-acetylglucosaminyl O-glycans Directed by a Cloned Core 2 β-1,6-N-Acetylglucosaminyltransferase", <u>The Journal of Biological Chemistry</u> 269(6):4473-4479 (1994).
	BK	Bonfanti et al., "PADGEM (GMP140) Is a Component of Weibel-Palade Bodies of Human Endothelial Cells", <u>Blood</u> 73:1109-1112 (1989).
	BL	Borman S., "Glycotechnology Drugs Begin to Emerge from the Lab", <u>C&EN</u> 27-34 (June 28, 1993).
	BM	Bowen et al., "Characterization of a Human Homologue of the Murine Peripheral Lymph Node Homing Receptor," <u>J. Cell Biol.</u> , 109:421-427 (July 1989).
	BN	Brandley et al., "Carbohydrate Ligands of the LEC Cell Adhesion Molecules", <u>Cell</u> , 63:861-863.
	BO	Brockmeyer et al., "Distribution of Cell Adhesion Molecules (ICAM-1, VCAM-1, ELAM-1 in Renal Tissue During Allograft Rejection", <u>Transplantation</u> 55:610-615 (1993).
	BP	Burgen et al., "Binding of Flexible Ligands to Macromolecules", <u>Nature</u> , 253:753-755 (1975).
	BQ	Buttrum et al., "Selectin-Mediated Rolling of Neutrophils on Immobilized Platelets", <u>Blood</u> , 83:1165-1174 (1993).
	BR	Colman et al., "Three-Dimensional Structure of a Complex of Antibody with Influenza Virus Neuraminidase", <u>Nature</u> , 326:358-363 (1987).
	BS	Corral et al., "Requirement for Sialic Acid on Neutrophils in a GMP-140 (PADGEM) Mediated Adhesive Interaction with Activated Platelets", <u>Biochemical and Biophysical Research Communications</u> , 172:1349-1356 (1990).
	BT	Cummings R., Untitled paper prepared at the University of Oklahoma Health Sciences Center, March 23, 1995.
	BU	Damle et al., "GMP-140 (P-selectin/CD62) Binds to Chronically Stimulated but not Resting CD4 ⁺ T Lymphocytes and Regulates Their Production of Proinflammatory Cytokines", <u>Eur. J. Immunol.</u> , 22:1789-1793 (1992).
	BV	Dawson et al., "The Monoclonal Antibody MEL-14 Can Block Lymphocyte Migration Into a Site of Chronic Inflammation", <u>Eur. J. Immunol.</u> , 1647-1650 (1992).

EXAM INIT.	OTHER MATERIALS	
	(Including, Author, Title, Date, Relevant Pages, Place of Publication.**)	
	BW	Doré et al., "P-Selectin Mediates Spontaneous Leukocyte Rolling <i>In Vivo</i> ", <u>Blood</u> , 82:1308-1316 (1993).
	BX	Dorfman et al., "Human Transcription Factor GATA-2", <u>J. Biol. Chem.</u> , 267:1279-1285 (1992).
	BY	Dunlop et al., "Characterization of GMP-140 (P-selectin) as a Circulating Plasma Protein", <u>J. Exp. Med.</u> , 175:1147-1150 (1992).
	BZ	Edwards et al., "The Role of Leukocytes in the Activation of Blood Coagulation", <u>Seminars in Hematology</u> , 29:202-212 (1992).
	CA	Engleberts et al., "Generalized Inflammation During Peritonitis Evidenced by Intracutaneous E-Selectin Expression", <u>Clinical Immunology and Immunopathology</u> , 65:330-334 (1992).
	CB	Engelberts et al., "A Role for ELAM-1 in the Pathogenesis of MOF during Septic Shock", <u>Journal of Surgical Research</u> , 53:136-144 (1992).
	CC	Franklin T., "Binding Energy and the Activation of Hormone Receptors", <u>Pharmacology</u> , 29:853-856 (1980).
	CD	Fukuda et al., "Structures of Sialylated Fucosyl Polylactosaminoglycans Isolated from Chronic Myelogenous Leukemia Cells," <u>J. of Biol. Chem.</u> , 260(24):12957-12967 (1985).
	CE	Fukushi et al., "Novel Fucolipids Accumulating in Human Adenocarcinoma," <u>J. of Biol. Chem.</u> , 259(16):10511-10517, (1984).
	CE	Fuggle et al., "Variation in Expression of Endothelial Adhesion Molecules in Pretransplant and Transplanted Kidneys-Correlation with Intra-graft Events", <u>Transplantation</u> , 55:117-123 (1993).
	CG	Gamble et al., "Prevention of Activated Neutrophil Adhesion to Endothelium by Soluble Adhesion Protein GMP140", <u>Science</u> , 249:414-417 (1990).
	CH	Geng et al., "Lectin Domain Peptides from Selectins Interact with Both Cell Surface Ligands and Ca ²⁺ Ions", <u>J. Biol. Chem.</u> , 267:19846-19853 (1992).
	CI	Geng et al., "Rapid Neutrophil Adhesion to Activated Endothelium Mediated by GMP-140", <u>Nature</u> 343:757-760 (1990).
	CJ	Gibbons et al., "New Mechanisms and Intermediates in the Folding and Unfolding of Peptides and Proteins: Bioactive solution Conformation of Linear Peptides", <u>Peptides</u> , 508-509 (1990).
	CK	Goelz et al., "ELFT: A Gene That Directs the Expression of an ELAM-1 Ligand," <u>Cell</u> , 63:1349-1356, (1990).
	CL	Grober et al., "Monocyte-Endothelial Adhesion in Chronic Rheumatoid Arthritis", <u>J. Clin. Invest.</u> , 91:2609-2619 (1993).
	CM	Hakomori S., "Aberrant Glycosylation in Cancer Cell Membranes as Focused on Glycolipids: Overview and Perspectives", <u>Cancer Research</u> , 45:2405-2414 (1985).
	CN	Hamburger et al., "GMP-140 Mediates Adhesion of Stimulated Platelets to Neutrophils", <u>Blood</u> , 75:550-554 (1990).
	CO	Handa et al., "Selectin GMP-140 (CD62; PADGEM) Binds to Sialosyl-Le ^x , and Sulfated Glycans Modulate this Binding", <u>Biochemical and Biophysical Research Communications</u> , 181:1223-1230 (1991).
	CP	Hard et al., "The Carbohydrate Chains of the β Subunit of Human Chorionic Gonadotropin Produced by the Choriocarcinoma Cell Line BeWo", <u>Eur. J. Biochem.</u> , 205:785-798 (1992).
	CQ	Hattori et al., "Complement Proteins C5b-9 Induce Secretion of High Molecular Weight Multimers of Endothelial von Willebrand Factor and Translocation of Granule Membrane Protein GMP-140 to the Cell Surface", <u>J. Biol. Chem.</u> , 264:9053-9060 (1989).
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	CS	Hemmerich et al., "Structure of the O-Glycans in BlyCAM-1, and Endothelial-derived Ligand for L-selectin", <u>The Journal of Biological Chemistry</u> 270(20):12035-12047 (1995).
	CT	Hoff et al., "Increased Expression of Sialyl-Dimeric Le ^x Antigen in Liver Metastases of Human Colorectal Carcinoma", <u>Cancer Research</u> , 49:6883-6888 (1989).
	CU	Hollengaugh et al., "Interaction of P-Selectin (CD62) and Its Cellular Ligand: Analysis of Critical Residues" <u>Biochemistry</u> , 32:2960-2966 (1993).
	CV	Huang et al., "A Lymphocyte Homing Receptor (L-Selectin) Mediates the <i>In Vitro</i> Attachment of Lymphocytes to Myelinated Tracts of the Central Nervous System", <u>J. Clin. Invest.</u> , 88:1778-1783 (1991).
	CW	Jewell et al., "Cytokine Induction of Leucocyte Adhesion Molecules-1 (LAM-1) Expression on Chronic Lymphocytic Leukaemia Cells", <u>LEUKEMIA</u> 6(5):400-404 (1992).
	CX	Johnston et al., "Cloning of GMP-140: Chromosomal Localization, Molecular Heterogeneity and Identification of cDNAs Predicting Both Membrane Bound and Soluble Proteins", <u>Blood Suppl.</u> , 72:327a (1988).

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	CY	Johnston et al., "Cloning of GMP-140, a Granule Membrane Protein of Platelets and Endothelium: Sequence Similarity to Proteins Involved in Cell Adhesion and Inflammation", <u>Cell</u> , 56:1033-1044 (1989).
	CZ	Johnston et al., "Structural and Biosynthetic Studies of the Granule Membrane Protein, GMP-140, from Human Platelets and Endothelial Cells", <u>The Journal of Biological Chemistry</u> , 264:1-8 (1989).
	CZA	Johnston et al., Structure and Biosynthesis of the Platelet α -Granule Membrane Protein, GMP-140", <u>Platelets</u> , p. 352a, abstract # 1264.
	DA	Johnston et al., "Structure of the Human Gene Encoding Granule Membrane Protein-140, a member of the Selectin Family of Adhesion Receptors for Leukocytes", <u>The Journal of Biological Chemistry</u> 265(34):21381-21385 (1990).
	DB	Jungi et al., "Platelet-Leukocyte Interaction: Selective Binding of Thrombin-Stimulated Platelets to Human Monocytes, Polymorphonuclear Leukocytes, and Related Cell Lines", <u>Blood</u> 67(3):629-636 (1986).
	DC	Kijima-Suda et al., "Possible Mechanism of Inhibition of Experimental Pulmonary Metastasis of Mouse Colon Adenocarcinoma 26 Sublines by a Sialic Acid:Nucleoside Conjugate," <u>Cancer Research</u> , 48:3728-3732, (Jul 1, 1988).
	DE	Kojima et al., "Inhibition of Selectin-Dependent Tumor Cell Adhesion to Endothelial Cells and Platelets by Blocking O-Glycosylation of These Cells", <u>Biochemical and Biophysical Research Communication</u> , 182(3):1288-1295 (1992).
	DF	Korrel et al., "Identification of Tetrasialylated Monofucosylated Tetraantennary N-linked Carbohydrate Chain in Human Platelet Glycocalicin," <u>FEBS LETTERS</u> , 228(2):321-326, (Feb 1988).
	DG	Laczko-Hollosi et al., "Conformational Change of a Synthetic Amyloid Analogue des[Ala ^{21,30}]A42 Upon Binding to Octyl Glucoside Micelles," <u>Peptides</u> , 527-528, (1992).
	DH	Laiken et al., "A New Model for the Binding of Flexible Ligands to Proteins", <u>Biochemistry</u> , 10:2101-2106 (1971).
	DI	Larsen et al., "PADGEM Protein: A Receptor That Mediates the Interaction of Activated Platelets with Neutrophils and Monocytes," <u>Cell</u> , 59:305-312, (Oct 20, 1989).
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	DK	Lasky et al., "Cloning of a Lymphocyte Homing Receptor Reveals a Lectin Domain," <u>Cell</u> , 56:1045-1055, (Mar 24, 1989).
	DL	Lawrence et al., "Leukocytes Roll on a Selectin at Physiologic Flow Rates: Distinction from and Prerequisite for Adhesion through Integrins", <u>Cell</u> , 65:1-20 (1991).
	DM	Levinovitz et al., "Identification of a Glycoprotein Ligand for E-Selectin on Mouse Myeloid Cells", <u>The Journal of Cell Biology</u> , 121(2):449-459 (1993).
	DN	Ley et al., "Lectin-Like Cell Adhesion Molecule 1 Mediates Leukocyte Rolling in Mesenteric Venules <i>In Vivo</i> ", <u>Blood</u> , 77(12):2553-2555 (1991).
	DO	Li et al., "T Cells Expressing Both L-Selectin and CD44 Molecules Increase in Number in Peritoneal Exudate Cells and <i>In Vitro</i> -Stimulated Spleen Cells from Mice Immunized Intraperitoneally with <i>Listeria Monocytogenes</i> ", <u>Immunology</u> , 78:28-34 (1993).
	DP	Liao et al., "Oxidized Lipoproteins, Elicit Leukocyte-Endothelial Cell Adhesion in Mesenteric Venules", <u>The FASEB Journal</u> , 7(3):1986 (1993).
	DQ	Lowe et al., "ELAM-1-Dependent Cell Adhesion to Vascular Endothelium Determined by a Transfected Human Fucosyltransferase cDNA," <u>Cell</u> , 63:475-484, (Nov 2, 1990).
	DR	Lowe et al., "A Transfected Human Fucosyltransferase cDNA Determines Biosynthesis of Oligosaccharide Ligand(s) for Endothelial-Leukocyte Adhesion Molecule 1", <u>Biochemical Society Transaction</u> , 19:649-653 (1991).
	DS	Maemura et al., "Poly-N-Acetyllactosaminyl O-Glycans Attached to Leukosialin", <u>The Journal of Biological Chemistry</u> , 267(34):24379-24386 (1992).
	DT	Majuri et al., "Recombinant E-selectin-protein Mediates Tumor Cell Adhesion via Sialyl-Lea and Sialyl-Lex", <u>Biochemical and Biophysical Research Communications</u> , 182(3):1376-1382 (1992).
	DU	Mayadas et al., "Leukocyte Rolling and Extravasation Are Severely Compromised in P Selectin-Deficient Mice", <u>Cell</u> , 74:541-554 (1993).
	DV	McEver et al., "GMP-140 a Platelet α -Granule Membrane Protein, Is Also Synthesized by Vascular Endothelial Cells and Is Localized in Weibel-Palade Bodies," <u>J. Clin. Invest.</u> , 84:92-99, (Jul 1989).
	DW	McEver R., "GMP-140: A Receptor for Neutrophils and Monocytes on Activated Platelets and Endothelium," <u>J. of Cell Biochem</u> , 45:156-161 (1991).
	DX	McEver R., "Editorial: Misguided Leukocyte Adhesion," <u>J. Clin. Invest.</u> , 91:2340-2341, (Jun 1993).
	DY	McEver R., "The Platelet α -Granule Membrane Protein GMP-140 is also Synthesized by Human Vascular Endothelial Cells and is Present in Blood Vessels of Diverse Tissues," <u>Blood Suppl.</u> , 70:355a, (Nov 1987).

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		(Including, Author, Title, Date, Relevant Pages, Place of Publication. **)
	DZ	McEver R., "Leukocyte-Endothelial Cell Interactions", <u>Current Opinion in Cell Biology</u> , 4:840-849 (1992).
	DZA	McEver et al., "A Monoclonal Antibody to a Membrane Glycoprotein Binds Only to Activated Platelets", <u>The Journal of Biological Chemistry</u> , 259(15):9799-9804 (1984).
	DZB	McEver R., "Properties of GMP-140, an Inducible Granule Membrane Protein of Platelets and Endothelium", <u>Blood</u> Cells, 16:73-83 (1990).
	EA	McEver R., "Selectins: Novel Receptors that Mediate Leukocyte Adhesion During Inflammation", <u>Thrombosis and Haemostasis</u> , 65(3):223-228 (1991).
	EB	Mengelers et al., "Down Modulation of L-Selectin Expression on Eosinophils Recovered from Bronchoalveolar Lavage Fluid After Allergen Provocation," <u>Clinical and Experimental Allergy</u> , 23:196-204, (1993).
	EC	Montefort et al., "The Expression of Leukocyte-Endothelial Adhesion Molecules Is Increased in Perennial Allergic Rhinitis," <u>Am. J. Respir. Cell Mol. Biol.</u> , 7:393-398, (1992).
	ED	Moore et al., "GMP-140 Binds to a Glycoprotein Receptor on Human Neutrophils: Evidence for a Lectin-Like Interaction", <u>The Journal of Cell Biology</u> , 112(3):491-499 (1991).
	EE	Moore et al., "Identification of a Specific Glycoprotein Ligand for P-Selectin (CD62) on Myeloid Cells", <u>The Journal of Cell Biology</u> , 118(2):445-456 (1992).
	EF	Moore et al., "P-Selectin (CD62) Binds to Subpopulations of Human Memory T Lymphocytes and Natural Killer Cells", <u>Biochemical and Biophysical Research Communications</u> , 186(1):173-181 (1992).
	EG	Mulligan et al., "Neutrophil-Dependent Acute Lung Injury," <u>J. Clin. Invest.</u> , 90:1600-1607, (Oct 1992).
	EH	Mulligan et al., "Protective Effects of Oligosaccharides in P-Selectin-Dependent Lung Injury", <u>Nature</u> 364:149-151 (1993).
	EI	Mulligan et al., "Role of Endothelial-Leukocyte Adhesion Molecule 1 (ELAM-1) in Neutrophil-Mediated Lung Injury in Rats," <u>J. Clin. Invest.</u> , 88:1396-1406, (Oct 1991).
	EJ	Munro et al., "Expression of Sialyl-Lewis X, an E-Selectin Ligand, IN Inflammation, Immune Processes, and Lymphoid Tissues", <u>American Journal of Pathology</u> , 141(6):12397-1408 (1992).
	EK	Nelson et al., "Higher-Affinity Oligosaccharide Ligands for E-Selectin", <u>J. Clin. Invest.</u> , 91:1157-1166 (1993).
	EL	Newman et al., "Soluble E-Selectin is Found in Supernatants of Activated Endothelial Cells and Is Elevated in the Serum of Patients with Septic Shock," <u>J. of Immun.</u> , 150(2):644-654, (Jan 15, 1993).
	EM	Norgard et al., "Characterization of a Specific Ligand for P-Selectin on Myeloid Cells: A Minor Glycoprotein With Sialylated O-linked Oligosaccharides", <u>The Journal of Biological Chemistry</u> , 268(18):12764-12774 (1993).
	EN	Norton et al., "Expression of Adhesion Molecules in Human Intestinal Graft-Versus-Host Disease," <u>Clin. Exp. Immunol.</u> , 87:231-236, (1992).
	EO	Ockenhouse et al., "Human Vascular Endothelial Cell Adhesion Receptors for <i>Plasmodium falciparum</i> -infected Erythrocytes: Roles for Endothelial Leukocyte Adhesion Molecule 1 and Vascular Cell Adhesion Molecule 1," <u>J. of Exp. Med.</u> , 176:1183-1189, (Oct 1992).
	EP	Ord et al., "Structure of the Gene Encoding the Human Leukocyte Adhesion Molecule-1 (TQ1, Leu-8) of Lymphocytes and Neutrophils," <u>J. Biol. Chem.</u> , 265(14):7760-7767, (May 15, 1990).
	EQ	Paik et al., "Nucleotide Sequence and Structure of the Human Apolipoprotein E Gene," <u>Proc. Natl. Acad. Sci. USA</u> , 82:3445-3449, (May 1985).
	ER	Palabrica et al., "Leukocyte Accumulation Promoting Fibrin Deposition Is Mediated <i>In Vivo</i> by P-selectin on Adherent Platelets," <u>Nature</u> , 359:848-851, (Oct 29, 1992).
	ES	Pan et al., "Identification of a Promoter Region in the Human GMP-140 Gene that Confers Tissue-Specific Expression," <u>Blood</u> , 78(10):279a, (1991).
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